See reverse side for additional information Interagency Report Control No

0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 45-R-0002

CUSTOMER NO. 1565

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

NORTH DAKOTA STATE UNIVERSITY PO BOX 5756 NDSU STATION FARGO, ND 58105-5790

| 3. REPORTING FACILITY (List | all locations where animals were housed or used in actual research, t | testing, teaching, or experimentation, or held for these purposes. Attach additional |
|-----------------------------|---|--|
| sheets if necessary.) | | |
| | FACILITY LOCAT | TIONS(sites) |
| CITE 4 | | |

FARGO, ND 58105-5790 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of D. Number of animals upon Number of E. Number of animals upon which teaching animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned or By The Animal research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments conducted distress to the animals interpretation of the teaching, research, D + E) research, or involvina no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes relieving drugs. used must be attached to this report) 5 14 19 4. Dogs 5 Cats 29 29

| | 1 | | | 1 | l l |
|------------------------|---|----|-----|---|-----|
| 7. Hamsters | 2 | | | | |
| 8. Rabbits | 4 | | | | |
| 9. Non-Human Primates | | | | | |
| 10. Sheep | | 41 | 180 | | 221 |
| 11. Pigs | | | 20 | | 20 |
| 12. Other Farm Animals | | | | | |
| Goat | 1 | | | | |

13. Other Animals Hedgehog 1 Chinchilla Gerbils

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

| (Chief Executiv | BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143) | |
|---|---|-------------|
| SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL | NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) | DATE SIGNED |
| | | 11/09/2001 |

ASSURANCE STATEMENTS

6. Guinea Pigs

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 45-R-0002

include Zip Code)

CUSTOMER NO. 1565

FARGO, ND 58105-5790

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

NORTH DAKOTA STATE UNIVERSITY PO BOX 5756 NDSU STATION

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use this form.) E. Number of animals upon which teaching, Number of D. Number of animals upon Α. Number of animals being which experiments, experiments, research, surgery or tests were animals upon TOTAL NO. Animals Covered bred which teaching, teaching, research, conducted involving accompanying pain or distress OF ANIMALS to the animals and for which the use of appropriate conditioned, or By The Animal research. surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ interpretation of the teaching, research. experiments. conducted distress to the animals D + E) research, or and for which appropriate experiments, surgery, or tests, (An explanation of involvina no surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. used. must be attached to this report) 20 20 Cattle Horses 6

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

| (Chief Executiv | BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) le above is true, correct, and complete (7 U.S.C. Section 2143) | |
|---|--|-------------|
| SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL | NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) | DATE SIGNED |
| | 1 | 11/09/2001 |

ASSURANCE STATEMENTS

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

45-R-0002

Customer Number:

1565

Facility:

NORTH DAKOTA STATE UNIVERSITY

PO BOX 5756 NDSU STATION

FARGO, ND 58105-5790

Robinson Hall - dogs, cats, rabbits, guinea pigs, hamsters Sheep Barn - sheep Hog Barn - pigs Beef Barn - cattle Pole Barn and Rodeo Stables - horses Animal Nutrition & Physiology Center - sheep

Veilis

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

ANNUAL REPORT OF RESEARCH FACILITY

1. REGISTRATION NO. FORM APPROVED OMB NO. 0579-0036 2. HEADOBARTERS RESEARCH FACILITY (Name and Address, as registered with USDA It Alexius medical Center 900 E. Broadway ave Bismarck ND 5850

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, leuching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) NONE

FACILITY LOCATIONS (Siles)

| A. Animals Covered By The Animal Wolfare Regulations | B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. | C Number of animals upon which Inaching, research, experiments, or lests were conducted involving ab pain, distress, or use of pain- relieving drugs. | D. hunter of immals upon which experiments, leaching, essearch, supper, or tests were conducted involving accompanying pain or distress to like animals and for which appropriate anesthetic, analystic, or tranquitizing drugs were used. | E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analysisic, or tranquilizing drugs would have adversely attended the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report). | TOTAL NO. OF ANMALS (Cols. C + O + E) |
|--|---|---|--|--|--|
| 4. Dogs | 0 | 0 | . 0 | 0 | 0 |
| 5. Cats | 0 | 0 | 0 | 0 | 0 |
| 5. Guinea Pigs | 0 | 0 | 0 | 0 | 0 |
| 7. Hamsters | 0 | 0 | 0 | 0 | 0 |
| 8. Rabbits | 0 | 0 | 0 | 0 | 0 |
| 9. Non-human Primates | 0 | 0 | 0 | 0 | 3 |
| 10. Sheep | 0 | . 0 | 0 | 0 | 0 |
| 11, Pigs | 0 | 0 | 0 | 0 | 0 |
| 12. Öther Farm Animals | 0 | 0 | 0 | 0 | 0 |
| • | | | | | |
| 13. Other Animals | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| ATTURANCE CYNTENENTS | <u> </u> | | | | · |

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the date, tradition, and use of animals, including approximate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered afternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Cure and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this animals inflicted.
- 4). The attending vetermarian for this research lability has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of annitot care and use.

| CERTIFICAT | 10N | BY HEAD | QUART | ES | RESEAL | CH F | acility | OPPICIAL |
|------------|-----|----------|-------|----|--------|-------|---------|--------------|
| 100 1 AV | | 45 AFF . | | | | A . B | | A 600 - 1 11 |

| QI Print) | DATE SIGNED |
|-----------|-------------|
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